**Lab Report Checklist**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**INTRODUCTION:**

**Question:** Write the question you are trying to answer. (Should be

\_\_\_\_\_\_ specific and testable).

**Hypothesis:** Write what you think will happen. (This should be one

\_\_\_\_\_\_ complete sentence in the format below).

Example: “If \_\_\_\_\_\_\_\_\_\_\_\_\_\_then\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_because\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.”

\_\_\_\_\_\_ **Materials:** List all materials you’ll need for experiment in bullet points.

\_\_\_\_\_\_ **METHODS:** (This can be done using bullet points, but you must use complete sentences)

* Explain how to conduct the experiment step by step.
* Each step should be numbered and detailed. (*Example*: 1. Measure out 25mL of solution and pour carefully into beaker along with the salt water. *NOT:* Pour mixture into container.)

\_\_\_\_\_\_ **PRESENT** **RESULTS:**

* Show data you collected (quantitative and qualitative) in an organized way.
* Explain any data comparisons and/or calculations that can be made.
* Use tables, graphs, and/or pictures to show your results clearly.

\_\_\_\_\_\_ **ANALYSIS: (Written in paragraph form. It is important to answer all of the questions in this section):**

* Analyze your results. Are they realistic? Why or why not? Did they match your hypothesis? Why?
* What errors may have occurred to affect your experiment?

\_\_\_\_\_\_  **CONCLUSION:**

* What is your final conclusion of the experiment? Why?
* If you were to repeat this experiment how would you change it to make it more accurate?